



ESACOTE® 1073

Chemical description

Aliphatic polyurethane resin

Main use

Solvent free, water-based aliphatic polyurethane resin designed for industrial applications.

Product properties

pH:	7.0 – 8.5
Viscosity, mPas:	20 -250
Solid Content, %:	33 - 37

Typical values*

Solvent Content, %:	0
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**These values provide general information and are not part of the product specification.*

Applications

ESACOTE® 1073 was specifically designed for coating rigid substrates such as wood and concrete. Its benefits are high hardness, excellent adhesion and abrasion resistance.

ESACOTE® 1073 can be used as unique resin or in combination with other coformulants.

ESACOTE® 1073 can be thinned with water.

A preliminary check of compatibility is recommended.

Storage and handling

ESACOTE® 1073 must be stored at room temperature.

Lamberti represents that, for a period of 6 months (180 days) following the day of shipment as stated in the respective transport documents, the product will meet the specifications or values set forth in section "specifications or characteristic data" above, what ever is applicable, provided that the product is stored in full compliance with the storage conditions set forth in and referenced under section "storage" above and is otherwise handled appropriately. The lapse of the 6 months (180 days) period does not necessarily mean that the product no longer meets specifications or the set values. However, prior to using said product, Lamberti recommends to test such a product if it still meets the specifications or the set values. Lamberti does not make any representation regarding the product after the lapse of the 6 months (180 days) period and Lamberti shall not be responsible or liable in any way for the product failing to meet specifications or the set values after the lapse of the 6 months (180 days) period.

Packaging

215kg (474 lb) in 55 gallon plastic open head drums.

20kg (44 lb) in 5 gallon plastic pails.

1050kg (2315 lb) in plastic totes.

Material safety

Please consult the safety data sheet of the product before its use.

Regulatory information

The TDS is not an official declaration of compliance and the official positioning has to be released separately and nominally to each customer by Lamberti's regulatory affairs department when required.

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This information and our technical recommendations, if any, both verbal and in writing, are given to the best of our knowledge, without any express or implied warranty, e.g., regarding their fitness for a specific purpose. Each user of our products is the sole responsible for assessing and ensuring compliance with all legal regulations including intellectual property laws and necessary certifications and authorizations with respect to the use, combination and processing of our products. Our technical recommendations do not release the user from the obligation to check its validity and to test our products as to their suitability and fitness for the intended processes and uses. The application, use and processing of both our products and the products manufactured by the user (on the basis of our technical recommendations, if any) are beyond our control and, therefore, the user is the sole responsible for them. Detailed information and instructions on handling the products and cautions to be observed in the use of them are available in our relevant Safety Data Sheet.

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Formula Orientativa Concreto

Introduction order	Raw material	Quantity %	Function & Supplier
1	WATER	15	
2	VERAPON R-405	2.3	Wetting Agent (Lamberti)
3	SURFYNOL 104E	0.5	Surfactant(Evonik)
4	BYK 024	0.2	Defoamer(Byk)
5	DIOXIDO DE TITANIO R-902	13	Pigment
6	WOLLASTONITA NYAD M-325	2.5	Charge
7	POSSALC 6	1.5	Charge
8	MINUSIL 40	2.5	Charge
9	DIETILENGLICOL	1.5	Alveg
11	ESACOTE® 1073	55	Poliuretano
14	BUTIL CARBITOL	4	Alveg
15	BYK 333	0.3	Leveler agent(Byk)
16	BYK 346	0.1	Wetting agent(Byk)
17	COATOSIL MP 200	0.2	Adhesion promoter (Momentive)
18	AMP 95	0.2	Regulador pH
19	TEGO FOAMEX 902	0.1	Defoamer(Evonik)
20	LIMOCID 135 TR	0.2	Bactericida
21	VISCOLAM PS 170 AIR (Sol. 20%)	0.7	Espesante
22	PRETO NEOPRINT DBK	0.2	Pigmento
Total		100	
Si desean hacerlo 2K, agregar:			
23	CROSSLINER 08 LM	10	Polyisocyanate Crosslinker (Lamberti)
Total		110	